

ABSTRACT

A cable includes a plurality of twisted pairs of conductors in a dense hexagonal matrix-like form defining thereof horizontal rows and oblique columns with each other in a rectangular coordinate system wherein the twisted pairs in the same row have the same twist direction while have opposite twist directions with those in the two neighboring rows aside, and wherein for each row there is a ninety degrees phase shift between every adjacent two pairs and for each column there is a non-ninety degrees phase shift between every adjacent two pairs.